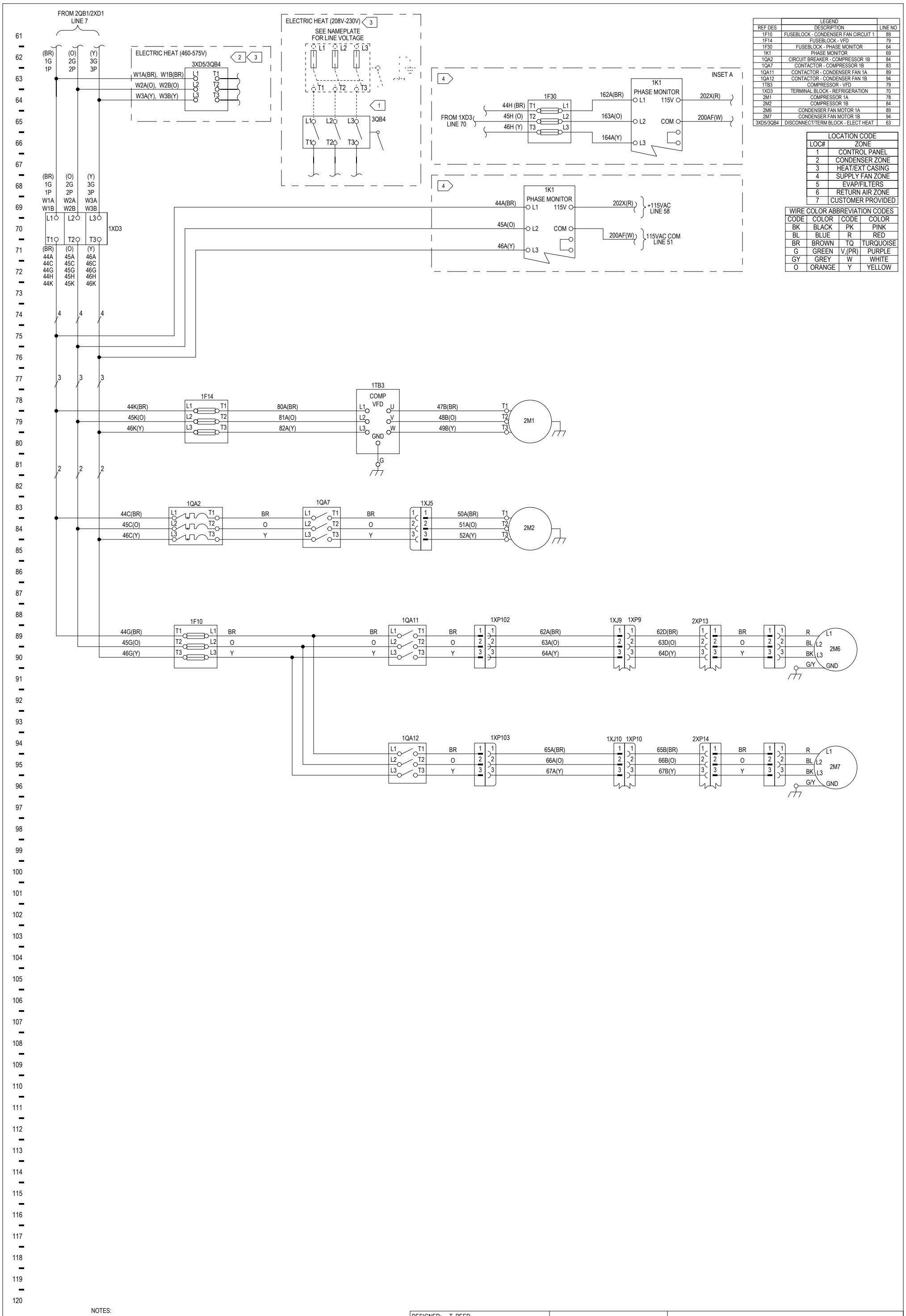

LEGEND		
REF DES	DESCRIPTION	LINE NO
1F10	FUSEBLOCK - CONDENSER FAN CIRCUIT 1	89
1F14	FUSEBLOCK - VFD	79
1F30	FUSEBLOCK - PHASE MONITOR	64
1K1	PHASE MONITOR	69
1QA2	CIRCUIT BREAKER - COMPRESSOR 1B	84
1QA7	CONTACTOR - COMPRESSOR 1B	83
1QA11	CONTACTOR - CONDENSER FAN 1A	89
1QA12	CONTACTOR - CONDENSER FAN 1B	94
1TB3	COMPRESSOR - VFD	79
1XD3	TERMINAL BLOCK - REFRIGERATION	70
2M1	COMPRESSOR 1A	78
2M2	COMPRESSOR 1B	84
2M6	CONDENSER FAN MOTOR 1A	89
2M7	CONDENSER FAN MOTOR 1B	94
3XD5/3QB4	DISCONNECT/TERM BLOCK - ELECT HEAT	63

LOCATION CODE	
LOC#	ZONE
1	CONTROL PANEL
2	CONDENSER ZONE
3	HEAT/EXT CASING
4	SUPPLY FAN ZONE
5	EVAP/FILTERS
6	RETURN AIR ZONE
7	CUSTOMER PROVIDED

WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V,(PR)	PURPLE
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW

NOTES:

1. USE COPPER CONDUCTORS ONLY. UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.
2. SEE APPLICABLE HEATING SECTION DIAGRAM FOR BALANCE OF CIRCUIT.
3. CONNECTIONS SHOWN FOR 460V-575V/60HZ/3PH. FOR 208V-230V/60HZ/3PH, SEE INSET.
4. WIRING SHOWN FOR STANDARD SCCR UNITS. SEE INSET A FOR HIGH SCCR UNITS.

DESIGNER: T. PEED	TRANE ®	IPAK 3
ENGINEER: E. CAROTA		POWER SCHEMATIC
TRANE © DATE: 5/2/2024		20T-30T
REPLACES:		REFRIGERATION
SIMILAR TO:	THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE.	WITH COMPRESSOR VFD
REVISION DATE: 5/2/2024		MASTER NUMBER: / DRAWING NUMBER: 12135002 / SHEET: 2 OF 16 / REV B
REVISED BY: T.PEED		
APPROVED BY: E. CAROTA		
CAD SYSTEM USED: CREO SCHEMATICS		